TYPE 2 TREE CONSERVATION PLAN PREPARATION AND REVIEW CHECKLIST

The TCP2 is required to follow an approved TCP1 and for any application that requires an FSD. At the Type 2 phase, final decisions are made for techniques that will be incorporated on the site to insure adequate woodland conservation and tree protection. The detailed TCP2 is prepared for submission with a detailed site plan, a specific design plan, a grading plan, a road-grading plan that is not shown on an approved record plat, and for the establishment of a Woodland Conservation Bank. If a TCP1 has been approved for the site, the TCP2 must adhere to the conservation measures shown on the approved plan as closely as possible. If the TCP2 is being prepared for a Woodland Conservation Bank, the checklist titled "Type 2 Tree Conservation Plan Preparation and Review Checklist for Woodland Conservation Banks" should be used. The TCP2 must include the entire area of the site and use the standard line types and symbols as provided in the Environmental Technical Manual. The information shown on the TCP2 must also be shown on the associated Erosion and Sediment Control Plans. Refer to Section 7.0 of Part A of the Environmental Technical Manual for more information.

Site/Project N	Name:	Date:	
TCP 1 Num	ber (if applicable):		
Associated I	Plan:		
Prepared by:	Typed name	Signature	
	Phone	e-mail address	

A. General Information

Inf	Information Type		Comment
	Vicinity map, north arrow, scale (at the same scale as the associated plan, but no greater than 1" = 50') Legend or Key to all symbols, shading, and patterns used on the plan on every sheet	Y/N	
	Revision box (All revisions made to a TCP shall be shown in the revision box along with a brief description of the revision, the date, and the initials of the person making the revision.)		
	Qualified professional certification with name, address, phone number, e-mail, stamp (if applicable), signature, and date of plan certification		
	EPS approval block		
	All information is clear. Graphic patterns, line types, and symbols, are the standard symbols in the Environmental Technical Manual with all required text and labeling shown		

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B. Existing Site Features

Feature		Comment
Property boundaries with bearings and distances		
Parcel/lot numbers and area/s per legal description		
Topography (2' maximum contour intervals)		
Physical site features shown such as buildings, roads, driveways, etc.		
Woodlands and trees (must extend 100'off the property line on all sides)		
All specimen, champion and historic trees shown with their critical root zones		
Specimen, Champion and Historic Tree Table showing tree number, species, size, condition and reason for the determination of the condition, proposed disposition and any comments regarding special preservation treatments or recommendations. A note should also be added to indicate that the trees were survey located. (All trees within 100 feet of the proposed LOD shall be survey located.)		
Regulated streams and their required buffers (buffers measured from top of bank and as shown on an approved NRI)		
Wetlands and their required buffers as shown on an approved NRI		
100-year floodplain delineation as shown on an approved NRI		
Critical habitat areas as obtained from the Maryland Department of Natural Resources, Wildlife and Heritage Division		
Forest Interior Dwelling Species (FIDS) habitat and designated buffers		
Location of PMA as shown on an approved NRI		
Slopes 15% and greater		
Adjacent historic sites or districts labeled as listed in the latest edition of "Illustrated Inventory of Historic Sites and District Plan for Prince George's County, Maryland."		
Unmitigated 65 dBA Ldn noise contour shown and labeled if site is adjacent to or in the vicinity of a roadway of arterial classification or greater		
Utilities and their associated easements if applicable		
All other easements		
A note regarding the location and current possession of "previously dedicated land" is provided		

C. Proposed Site Features

Feature		Included Y/N	Comment
Lot line	nes with dimensions, setbacks, lot and block numbers, and lot area		
Interna	al roads with limits of paving and street grades		
	sed building locations (to be represented by actual proposed building footprints maximum limits of proposed construction)		
erosion	sed grading and proposed limits of disturbance to include all sediment and n control devices, stockpiles and other areas that need to be cleared during action (see Sec. 25-122(b) for requirements regarding limits of disturbance)		
Concer	ptual stormwater management methods and facilities		
Water	and sewer lines and easements or well and septic		
Public	utility easements (PUE) where required		
Propos	sed noise mitigation measures shown (as necessary)		
Mitigat	ted 65 dBA Ldn noise contour shown and labeled (as necessary)		
	ng restriction lines from all property lines and the required 25-foot building tion line from the 100-year floodplain		

D. Woodland Conservation Information

Information Type		Comment
Woodland Conservation Worksheet (appropriate worksheet must show zoning and proper calculations of all acreages to the nearest one-hundredth of an acre; do not deduct land from the gross tract area that has not, to date, been dedicated)		
Standard TCP2 notes and other TCP2 notes that may be appropriate		
Woodland Conservation Areas (WCAs) (must address Sec. 25-122(b) and Sections 6.5.4 and 6.6 of the Woodland and Wildlife Habitat Conservation TechnicalManual)		
Woodlands clearly identified by the treatment proposed (Woodland Preservation Area, Woodland Reforestation/Afforestation Area, etc.)		
Acreage shown to the nearest 1/100th acre for each of the woodland treatment areas shown		
All woodland conservation areas are a minimum size of 10,000 square feet and a width of 50 feet except where these areas abut other protected woodlands previouslyprotected by a TCP or other prior approved mechanism, such as a conservation easement, and where the combined total of these areas is 10,000 square feet in size		
and 50 feet in width. Landscaped areas may be 35 feet in width. There are no woodland conservation areas located on lots less than one (1) acre in		
size; within 40 feet of the front and rear of all building footprints; within 20 feet of the sides of all building footprints; within 30 feet of a commercial or industrial building; within 10 feet of the rear lot line of a town house; or within 5 feet of a parking lot. These dimensions are shown on the plan.		
Woodland preservation is not located within the 100-year floodplain, utility easements, or other areas where control of the land and its preservation is not possible		
Land to be dedicated or conveyed containing WCAs of any kind, has received approval from the future property owner/s. The approval documents will be provided with the TCP2 if they were not provided with the TCP1.		
For TCP2s with more than one sheet, a Woodland Conservation Summary Table as shown in Part A, Section 6.2 of the Environmental Technical Manual has been provided on the cover sheet		
For projects where woodland conservation is located on lots/parcels, a "Lot-by-Lot table" has been provided as shown in Part A, Section 6.2 of the Environmental Technical Manual		
Fee-in-lieu:		
If the project is phased, the TCP2 must provide the breakdown of the fee-in-lieu amount required for each phase. If the fee-in-lieu option has been approved for useon the subject property, the fee must be posted prior to the issuance of any permits		
unless the project is phased.		

E. Specimen, Champion, and Historic Trees

Information Type		Comment
A table that includes information regarding the species, diameter at breast height, numerical and descriptive condition rating, and whether the tree is to be preserved or removed		
Individual trees are shown on the plans with their critical root zones shown and an indication as to whether the tree is to be preserved or removed		
Grading, structures, and any other activities that are proposed within the critical root zone have been shown		
Proposed limits of disturbance (LOD) have been shown on the plan		
Details for time of occurrence, equipment to be used, and any special practices for root pruning that may be necessary have been provided		
Details for any pruning that may be necessary have been provided		
Details of any fertilization or irrigation practices that are to be used have been provided		
Graphic and written details have been provided for all temporary or permanent tree protective devices to be used		
Details about berms or swales that are to be constructed to prevent silt or contaminated runoff from wash pads, materials stock piles, vehicle parking areas, or		
equipment maintenance and storage areas from washing into the tree's root zone have been provided. Locations are shown on the plan		
All other necessary information is provided.		

F. Site Protection and Signage

Inf	Information Type		Comment
	Type and location of all tree protection devices are shown		
	Details for all protection devices are shown		
	All sign locations are shown		
	All sign details are shown		
	Statement on the plan regarding the timing of the installation of all tree protection devices		
	Statement on plan stating that the signs for planted areas are to remain in perpetuity and that the signs for preservation areas may be removed after use and occupancy permit has been issued		
	Sign locations and details are shown for all woodland conservation preservation areas along the limits of disturbance and along roadways		

G. Afforestation/Reforestation Areas

Information Type (The following items must be addressed in text form and/or graphically shown on	Included Y/N	Comment
the plan) Soil Conditions		
Existing soil pH Soil composition corrections to be conducted		
Soil compaction corrections to be conducted Topsoil minimum depth		
Soil amendments proposed and method of application		
Soils stabilization proposed and method of application (Structural, Vegetative,		
Mulch)		
Removal method for soil contaminants (oil products, concentrated soluble salts, ferrous iron, soluble aluminum, soluble manganese, and herbicides)		
Hydrology		
Hydrology of planting sites is suited to species selected		
Site Preparation		
Ground cover will not adversely impact tree growth		
Control of competing vegetation around trees		
Planting Stock		
Afforestation and reforestation is being provided on lots one (1) acre in size or greater		_
Planting stock seed source is from within the geographic region suited for growth in this area		
Planting stock size is specified (seedling, whip, 1" caliper, 2" caliper, etc.)		
Planting stock meets the standards set by the American Nursery and Landscape Association		
Seedling stock meets the following criteria: Hardwoods - 1/4" to 1/2" caliper with roots no less than 8" long Conifers - 1/8" to 1/4" caliper with roots not less than 8"long and top height of 6" or more Shrubs - 1/8" or larger caliper with 8" root system		
Containerized stock used has been noted		
Species and quantities used are specified		
Planting pattern is identified		
Planting Methods		
Detail of planting by hand		
Detail of planting by machine		
Schedule of tree planting activities (start and completion of each phase of work)		
Detail of planting method used for larger caliper stock. (A larger planting bed must be utilized. This should not be a drilled or dug hole 6 to 12 inches larger than the root ball or container.)		
Planting Management Plan		
Information on site and tree maintenance is listed		
Company or individual responsible for tree care is listed on the plan or detail sheet		
Term of the Plan is no less than five years		
Final expected survival is indicated		
Follow-up care and maintenance (watering, fertilization, weeding, support plantings, etc. must be addressed)		
Afforestation/Reforestation Notes		
All applicable notes from the afforestation/reforestation section of the standard TCP 2 notes		